

FORM PTO-1390 (Modified)  
(REV 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

084335/0134

INTERNATIONAL APPLICATION NO.  
PCT/JP99/05420INTERNATIONAL FILING DATE  
October 1, 1999U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  
09/806,462PRIORITY DATE CLAIMED  
October 1, 1998

## TITLE OF INVENTION

METHOD FOR PREPARING HIGH PERFORMANCE RECA-LIKE RECOMBINASE/SINGLE-STRANDED NUCLEIC ACID  
PROBE COMPLEX AND UTILIZATION THEREOF

## APPLICANT(S) FOR DO/EO/US

Koji KIGAWA, Kayo KUSUMI, Eli MUKAI and Kazuaki OBATA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
  2. ☒ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
  3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☐ A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.
  5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
    - ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
    - ☐ has been transmitted by the International Bureau.
    - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
  6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
  7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - ☐ have been transmitted by the International Bureau.
    - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - ☐ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
  11. ☐ Applicant claims small entity status under 37 CFR 1.27.
- Items 12. to 17. below concern other document(s) or information included:
12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  14. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
  15. ☐ A substitute specification.
  16. ☐ A change of power of attorney and/or address letter.
  17. ☒ Other items or information: **Statement to Support Filing and Submission in Accordance with 37 C.F.R. § 1.821-1.825 with 2 pages sequence listing and disk containing same**

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.50)  
09/806,462

INTERNATIONAL APPLICATION NO.  
PCT/JP99/05420

ATTORNEY'S DOCKET NUMBER  
084335/0134

18. ☒ The following fees are submitted:

CALCULATIONS PTO USE ONLY

Basic National Fee (37 CFR 1.492(a)(1)-(5):  
Search Report has been prepared by the EPO or JPO.....\$860.00  
International preliminary examination fee paid to USPTO  
(37 CFR 1.482).....\$690.00  
No international preliminary examination fee paid to USPTO (37 CFR 1.482)  
but international search fee paid to USPTO (37 CFR 1.445(a)(2)) .....\$710.00  
Neither international preliminary examination fee (37 CFR 1.482) nor  
International search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1,000.00  
International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(2)-(4) .....\$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$0.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 20  
Months from the earliest claimed priority date (37 CFR 1.492(e))

Claims	Number Filed		Included in Basic Fee		Extra Claims		Rate
Total Claims	21	-	20	=	1	x	\$18.00
Independent Claims	1	-	3	=	0	x	\$80.00

Multiple dependent claim(s) (if applicable) \$270.00

TOTAL OF ABOVE CALCULATIONS =

\$0.00

Reduction by 1/2 for filing by small entity, if applicable.

\$0.00

SUBTOTAL =

\$0.00

Processing fee of \$130.00 for furnishing English translation later the 20  
months from the earliest claimed priority date (37 CFR 1.492(f)).

+

TOTAL NATIONAL FEE =

\$0.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

TOTAL FEES ENCLOSED =

\$0.00

Amount to be:  
Refunded \$  
Charged \$

- a. ☐ A check in the amount of \$0.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 19-0741 in the amount of \$0.00 to the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Foley & Lardner  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109

SIGNATURE

NAME STEPHEN B. MAEBIUS

REGISTRATION NUMBER 35,264